AREA No. 1

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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OCT 19 '48

chart 646

HAMMERSLEY INLET

PASSAGE

HARSTENE ISLAND

ANDERSON

Fair Harbor

Vaughn Bay

Detroit

Herron

Hartstene

Boston Harbor

Gull Harbor

Arcadia

Windy Pt.

Rocky Pt.

Bay Shore

Oyster Bay

Lakebay

Delano Beach

Longbranch

Wilson Pt.

Nisqually Head

Nisqually

Skookum Inlet

Cranberry L.

heavily wooded

Current Ebbs most of the time

WEAK

g 912.797
M83m
Map & Geography Library

30 July 50, 2 Dark.

9N58 Life of Grig, ends. = 12 maps

AREA No. 2

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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AREA No. 3

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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Hackney I.
Rocky Pt.
East Pt.
Mabana
Subcebeda
Dines Pt.
Saratoga
Cumano Head
Tulalip
Tulalip Bay
Mission
Classic
Langley
Sandy Pt.
Preast Pt.
Log boom
TOWER
Freeland
Lone L.
Bayview
ISLAND
GEDNEY I.
Austin
Deer Lagoon
Miller L.
Clinton
Randall Pt.
Double Bluff
Deer L.
Columbia Beach
Marwelton
Glendale
Indian Pt.
Possession
Scatchet Head
Culmis Bay
Mukilteo
Norwegian Pt.
Hansville
Point No Point
Occ ev 6 sec
FL ev sec
Pilot Pt.
Edlon
Indian Vil.
Port Gamble
Port Gamble
Apple Cove Pt.
FL ev 4 sec
Kingston
President Pt.
TOWER-LIGHTED SIGN
WEAK
Edmonds
TANKS
Edwards Pt.
SIREN
Pt. Wells
Richmond Beach
TOWER-LIGHTED SIGN
TANK
TARGET
MEASURED MILE
Mosher
Meadowdale
dolphins
HORN
Fl ev 5 sec 33 ft 10 m
Elliott Pt.

256 076
331 151
286 106
293 113
287 107
132
297 112
286 106
298 118
316 136
287 140
320
107
286 106
267 087
294
086
329 149
039
219
309 129
285 105
280 100
275 095
265 085
320 140
295 115
180 000
184 004
181 001
337 157
329 149
342
180 000
184 004
181 001
000 020
180 200

0.5
1.4
1.8
1.6
1.5
0.8
0.3

AREA No. 4

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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AREA No. 5

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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SKAGIT BAY

CAMANO ISLAND

WHIDBEY ISLAND

Deception Pass
Reservation Bay
Pass Lake
Yokeko Pt
Lost Pt.
Cranberry Lake
Cornet Bay
Hoypus Pt
Cable area
Hope I.
Tosi Pt.
Hunot Pt
Swinomish Slough
La Conner
Ala Spit
Tonkon Is
Pipeline area
Sullivan Slough
McGinn I.
Seal Rks
Goat I.
Ika I.
North Fork Skagit River
Duguatla Bay
ECHO BOARD
Strawberry Pt.
Oak Harbor
Forbes Pt.
Hasty Lake
Blowers Bluff
COUPEVILLE
Smith Prairie
Ebey Ldg
Crockett Lake
OLD TOWER (Abandoned)
Greenbank
Hancock Lake
Mariner Pt.
Demock Pt. Unsealed
Triangle Cove
EXPLOSIVES
Camano
Hackney I
Rocky Pt.
East Pt.
Mabana
Livingston Bay
dolphins
piles
snag
Hot Slough
Warm Beach
Kayak Pt.
Stanwood
West Pass
South Pass
Log boom
Skagit River
Millwood
Bancroft St.
DIKE
WEAK

070 → ← 250
101 → ← 282
← 235
← 180
000 →
← 312
132 →
← 291
111 →
← 292
112 →
← 310
130 →
← 304
124 →
← 210
030 →
← 238
058 →
← 336
156 →
← 318
138 →
← 277
097 →
← 155
335 →
← 298
118 →
← 312
132 →
← 309
129 →
← 331
151 →
← 286
106 →
← 256
076 →
← 184
004 →
← 292
112 →
← 304
124 →

AREA No. 6

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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Victoria 276° 096→ 31.0 Mi.
Race Rocks ←260 080→ 32.3 Mi.
Dungeness Spit ←255 075→ 14.3 Mi.
Lime Kiln Point 301° 19.7 Mi.
Cattle Point 323° 12.8 Mi.
Smith Island Light 348° 4.5 Mi.
Smith Island Light ←314° 6 Mi.
Lopez Pass 15.5 Mi. ←336 156→
Deception Pass 12.5 Mi. ←180 000→
←304 124→
←238 058→
←309 129→
←241 061→
←195 015→
←330 150→
←292 112→
←162 342→
←306 126→
←305 125→
←333 153→
←163 343→
←309 129→
←325 145→
←285 105→
←337 157→

PROTECTION I
PORT TOWNSEND
Pt Wilson
Pt Hudson
Cape George
Diamond Pt
Campbell Lake
Gardiner
Port Discovery
Mill Pt
Maynard
Discovery Junc
Fairmont
Unicas
Crocker Lake
Center
Chimacum
Irondale
Hadlock
Anderson Lake
Chevy Chase Inn
Beckett Pt
Carr Pt
Kaiser
Middle Pt
Olele Pt
Mats Mats
Nodule Pt
Laplip Pt
Crane Pt
Walan Pt
Marrowstone Pt
Mystery Bay
Kilisut Harbor
Marrowstone Island
Indian Island
Lagoon Pt
Bush Pt
Oak Bay
Lake Pondilla
Coveland
Pt Partridge
Lovers Grove
Sandy Cove
Hasty Lake
Blowers Bluff
COUPEVILLE
Smith Prairie
Ebey Ldg
Crockett Lake
OLD TOWER (Abandoned LH)
RESTRICTED AREA
A vessel shall not anchor, trawl, or tow a drag in this area.
2 ECHO BOARDS REF
Double Bluff
Mutiny Bay
Useless Bay
Glendale
Langley
Freeland
Holmes Harbor
Admiralty Inlet
Port Townsend Bay
Quimper Peninsula
Kilisut Harbor
Marrowstone Island
Indian Island
Whidbey Island
Camano Island

2210 (tuft of trees) first low hill from eastward
1925 western and lower of two tops forming crotch
2030 (tree tops) western summit of ridge

AREA No. 7

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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AREA No. 8

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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SOUTH PENDER I.
WALDRON I.
ORCAS I.
SHAW I.
SAN JUAN I.
LOPEZ ISLAND
Mt. Norman
Curtis Pt.
Blunden I
Java Islets
Fishery Pt.
Ft. Hammond
Sandy Pt.
Waldron
Pt. Dianey
Eastsound
Double Hill
Lookout Hill
Orcas Knob
Turn Pt.
Charles Pt.
Prevost
Tiptop Hill
Johns I.
Spieden Bluff
Spieden I.
Halibut I
Roche Harbor
Limestone Pt.
Pearl I
Basalgette Pt.
Neall I
Young Hill
Hanbury Pt.
Little D Arcy I
Unuk Rk
Kellett Bluff
Jones I.
Deer Harbor
Indian Pt.
Weatsound
Mt. Woolard
Diamond Hill
Dolphin
Orcas
Cable area
Grindstone Hbr.
Foster Pt.
Wasp Is
McConnell I.
Crane I.
Yellow I
Low I
Clark I
Wasp Passage
Neck Pt.
Shaw Island
Griswold
Hankin Pt.
Indian Cove
Pt. George
Pt. Caution
Friday Harbor
Turn Rock
Turn I
Brown I
Mt. Dallas
Lime Kiln
Argyle
Pear Pt.
Little Mountain
Dumbbell I
Port Stanley
Lopez
Rock Pt.
Low Pt.
False Bay
Eagle Pt.
Mt. Finlayson
Cattle Pt.
Richardson
Long I
Obstruction Pass
Thatcham Is
Discovery I.
Occ ev 15 sec 91 ft vis 15 m DIAPHONE
FL 32 ft vis 10 m
Gp FL (2) W (1) ev 20 sec 44 ft vis 12 m HORN
Gp FL (3) ev 10 sec 55 ft vis 13 m HORN
FL ev 4 sec
Gp Occ ev 12 sec
FL ev 4 sec vis 9 m

AREA No. 9

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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Victoria to Point Wilson 31.0 Mi.

GALIANO I.
Parker Island
Julia I
Gossip I
Rip Pt
Burrill Pt
Mt Sutil
Collinson Pt
Mary Agnes Pt
Laura Pt
Mayne
Campbell
Campbell Pt
MAYNE I.
Mt Parke
Dinner Pt
Horton B
St John Pt
Belle Chain Is
Samuel
Winter Cove
Mt David
SATURNA
Elliot Bluff
Croker Pt
Taylor Pt
Stanley Pt
James Pt
North Pender
NORTH PENDER I.
Bald Cone
Cramer Hill
Mouat Pt
Lively Pt
Razor Pt
Mt Norman
SOUTH PENDER I.
South Pender
Curtis Pt
Bluenden I
Crowland Pt
Lilly Pt
Hawkins I
PREVOST I.
Portlock Pt
Annette Cr
Liddell Pt
Batt Pt
Channel Is
Mt Belcher
Mt Maxwell
SALTSPRING I.
L Weston
Leo Pt
Beaver Pt
Reginald Hill
Eleanor Pt
Mt Bruce
Hope Hill
Russell I
Isabella Pt
Isabella I
Mt Tuam
Cape Keppel
Chads I
Portland I
Brackman I
Hood I
Pellow Is
F 25 ft vis 10m
Tantor Rk
Seymour Pt
MORESBY I.
Pelorus Pt
Reynard Pt
Arbutus I
Piers I
Pym I
Knapp I
Patey Rk
Wain Rk
Moses Pt
Cloake Hill
Horth Hill
Swartz Bay
Coal Pt
Warrior Pt
Curteis Pt
Coal I
Ker I
Dock I
FL 40 ft vis 10
Greig I
Reay I
Brethour I
Domville I
Imrie I
Joan Rk
Gooch I
SAANICH PENINSULA
Roberts Bay
Sidney
Turnstone Pt
C N R
Cowichan Head
Sidney Spit
Mandarte I
Halibut I
SIDNEY I.
JAMES I.
James Spit
D'Arcy I
Little D'Arcy I
Unit Rk
Turn Pt
Charles Pt
Prevost
ST. R. I.
Tiptop Hill
Johns I.
Gp FL (2) W (1) Rev 20 sec
44 ft vis 12 mi
HORN
FL ev 4 sec
HENRY I.
Pearl I
Roche P
Basalgette Pt
Hanbury Pt
Bell Pt
White Pt
Kellond Head
Mt Belcher 1280
Mt Maxwell 2030
Mt Bruce 2330
Hope Hill 2145
Mt Tuam 1967
Cape Keppel
Mt Parke 1942
Mt David 925
Mt Norman 890
Bald Cone 772
Cramer Hill 796
Lively Pt 628
Elliot Bluff 360
Croker Pt 125
Curtis Pt 845
Crowland Pt 615
Lilly Pt 615
Tiptop Hill 640
Pelorus Pt 575
Hill 60 660
Mt Sutil 680
Laura Pt 320
Dinner Pt 166
Horton B 627
St John Pt 667
Stanley Pt 625
James Pt 390
Razor Pt 423
Coal Pt 310
Horth Hill 555
Cloake Hill 620
Moses Pt 305
Curteis Pt 260
Coal I 320
Dock I 190
Ker I 3
Greig I 160
Brethour I 160
Domville I 190
Gooch I 235
Reay I 0
Imrie I 22
Joan Rk 22
Sidney 230
Roberts Bay 230
Sidney Spit 285
Mandarte I 285
Halibut I 290
JAMES I. 295
James Spit 295
D'Arcy I 175
Little D'Arcy I 175
Unit Rk 175
Pearl I 200
Basalgette Pt 355
Hanbury Pt 240
Bell Pt 100
White Pt 100
Kellond Head 280
Reginald Hill 900
Beaver Pt 530
Isabella Pt 583
Isabella I 583
Hope Hill 2145
Mt Tuam 1967
Mt Bruce 2330
Mt Maxwell 2030
Mt Belcher 1280
Cape Keppel
Portland I 325
Chads I 0
Brackman I 1
Hood I 1
Pellow Is 2
Russell I 190
Piers I 280
Pym I 2
Knapp I 3
Arbutus I
Patey Rk
Wain Rk
Gossip I
Rip Pt
Burrill Pt
Mary Agnes Pt
Julia I
Parker Island
Hawkins I
Liddell Pt
Batt Pt
Channel Is
Leo Pt
L Weston
Clusqum L
Mt Belcher
Mt Maxwell
Mt Bruce
Hope Hill
Mt Tuam
Cape Keppel
Isabella Pt
Isabella I
Russell I
Reginald Hill
Beaver Pt
Eleanor Pt
Chads I
Portland I
Brackman I
Hood I
Pellow Is
Seymour Pt
Pelorus Pt
Reynard Pt
Arbutus I
Piers I
Pym I
Knapp I
Patey Rk
Wain Rk
Moses Pt
Cloake Hill
Horth Hill
Swartz Bay
Coal Pt
Warrior Pt
Curteis Pt
Coal I
Ker I
Dock I
Greig I
Reay I
Brethour I
Domville I
Imrie I
Joan Rk
Gooch I
SAANICH PENINSULA
Roberts Bay
Sidney
Turnstone Pt
C N R
Cowichan Head
Sidney Spit
Mandarte I
Halibut I
SIDNEY I.
JAMES I.
James Spit
D'Arcy I
Little D'Arcy I
Unit Rk
Turn Pt
Charles Pt
Prevost
ST. R. I.
Tiptop Hill
Johns I.
Gp FL (2) W (1) Rev 20 sec
44 ft vis 12 mi
HORN
FL ev 4 sec
HENRY I.
Pearl I
Roche P
Basalgette Pt
Hanbury Pt
Bell Pt
White Pt
Kellond Head
Mt David
SATURNA
Elliot Bluff
Croker Pt
Taylor Pt
Stanley Pt
James Pt
North Pender
NORTH PENDER I.
Bald Cone
Cramer Hill
Mouat Pt
Lively Pt
Razor Pt
Mt Norman
SOUTH PENDER I.
South Pender
Curtis Pt
Bluenden I
Crowland Pt
Lilly Pt
Hawkins I
PREVOST I.
Portlock Pt
Annette Cr
Liddell Pt
Batt Pt
Channel Is
Mt Belcher
Mt Maxwell
SALTSPRING I.
L Weston
Leo Pt
Beaver Pt
Reginald Hill
Eleanor Pt
Mt Bruce
Hope Hill
Russell I
Isabella Pt
Isabella I
Mt Tuam
Cape Keppel
Chads I
Portland I
Brackman I
Hood I
Pellow Is
F 25 ft vis 10m
Tantor Rk
Seymour Pt
MORESBY I.

AREA No. 11

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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Nanaimo to Pender Harbor 26 Mi.
Nanaimo to Barfleur Passage 22 Mi.
Nanaimo to Dodd Narrows 10 Mi.
Nanaimo to Gabriola Pass 10 Mi.
Nanaimo to Portier Pass 10 Mi.
Nanaimo to Active Pass 22 Mi.
Nanaimo to Porlock Pt. 22 Mi.
Nanaimo to Prevost Passage 22 Mi.
Nanaimo to Swanson Channel 22 Mi.
Nanaimo to Boat Pass 22 Mi.
Nanaimo to Saturna I. 22 Mi.
Nanaimo to Monarch Hd. 22 Mi.
Nanaimo to Sidney 22 Mi.
Nanaimo to Mandarte I. 22 Mi.
Nanaimo to Speedem Channel 22 Mi.
Nanaimo to Iona I. 22 Mi.
Nanaimo to Sea I. 22 Mi.
Nanaimo to Marpole 22 Mi.
Nanaimo to Lulu Island 22 Mi.
Nanaimo to Steveston 22 Mi.
Nanaimo to Pelly Pt. 22 Mi.
Nanaimo to Westham I. 22 Mi.
Nanaimo to Canoe Pass 22 Mi.
Nanaimo to English Bluff 22 Mi.
Nanaimo to Vancouver 22 Mi.
Nanaimo to Burrard Inlet 22 Mi.
Nanaimo to Point Atkinson 22 Mi.
Nanaimo to Lighthouse Reef 22 Mi.
Nanaimo to Sisters Islet 22 Mi.
Nanaimo to Entrance Island 22 Mi.
Nanaimo to Active Pass 22 Mi.
Nanaimo to Porlock Pt. 22 Mi.
Nanaimo to Prevost Passage 22 Mi.
Nanaimo to Swanson Channel 22 Mi.
Nanaimo to Boat Pass 22 Mi.
Nanaimo to Saturna I. 22 Mi.
Nanaimo to Monarch Hd. 22 Mi.
Nanaimo to Sidney 22 Mi.
Nanaimo to Mandarte I. 22 Mi.
Nanaimo to Speedem Channel 22 Mi.
Nanaimo to Iona I. 22 Mi.
Nanaimo to Sea I. 22 Mi.
Nanaimo to Marpole 22 Mi.
Nanaimo to Lulu Island 22 Mi.
Nanaimo to Steveston 22 Mi.
Nanaimo to Pelly Pt. 22 Mi.
Nanaimo to Westham I. 22 Mi.
Nanaimo to Canoe Pass 22 Mi.
Nanaimo to English Bluff 22 Mi.
Nanaimo to Vancouver 22 Mi.
Nanaimo to Burrard Inlet 22 Mi.
Nanaimo to Point Atkinson 22 Mi.
Nanaimo to Lighthouse Reef 22 Mi.
Nanaimo to Sisters Islet 22 Mi.
Nanaimo to Entrance Island 22 Mi.

AREA No. 12

Legend

- Ebb Current at Maximum Ebb
- Flood Current at Maximum Flood
- Course marker when changing pages
- Cross line indicates one nautical mile

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Nautical Miles

Yards